

John E. Scates, Professional Engineer

April 11, 2025

Wayne-Dalton, A Division of Overhead Door Corporation
2501 S State Hwy 121 Bus, Suite 200
Lewisville, TX 75067

Re: FL 08248-R23
Evaluation Report for Residential Model 8000 pan door family

To Whom It May Concern:

At the request of Wayne-Dalton, a Division of Overhead Door Corporation, I have reviewed the drawings and tests listed below. These doors were tested for static pressure according to ANSI/DASMA 108. Additional impact and cycle testing was performed on select doors according to ANSI/DASMA 115 or TAS 202/201/203. The pressures listed on the drawings are a direct result of these tests. I have concluded that the construction shown on these drawings comply with the structural requirements of the 8th Edition (2023) of the Florida Building Code and ICB/IRC 2018 (Texas). I certify that I meet the requirements of "independence" as detailed in Florida Statutes.

Drawings

412593 Rev (A), Model 8000, Option Code 1400 up to 9' wide,	+10.5 / -11.8 psf
412594 Rev (A), Model 8000, Option Code 1401 up to 9' wide,	+12.0 / -14.0 psf
329468 Rev P7, Model 8000, Option Code 1100 up to 9' wide,	+15.9 / -18.2 psf
327013 Rev P8, Model 8000, Option Code 1104 up to 9' wide,	+46.0 / -52.0 psf
364231 Rev P1, Model 8000, Option Code 1106 up to 9' wide,	+22.9 / -26.3 psf
364232 Rev P1, Model 8000, Option Code 1107 up to 9' wide,	+26.9 / -30.8 psf
364233 Rev P1, Model 8000, Option Code 1108 up to 9' wide,	+37.0 / -41.0 psf
362403 Rev P1, Model 8000, Option Code 1105 up to 9' wide,	+31.0 / -35.0 psf
329928 Rev P4, Model 8024, Option Code 1300 up to 9' wide,	+46.0 / -52.0 psf
327014 Rev P8, Model 8000, Option Code 1120 up to 16' wide,	+12.4 / -13.8 psf
327015 Rev P7, Model 8000, Option Code 1121 up to 16' wide,	+15.3 / -17.0 psf
327016 Rev P8, Model 8000, Option Code 1122 up to 16' wide,	+23.0 / -25.0 psf
364264 Rev P1, Model 8000, Option Code 1126 up to 16' wide,	+26.0 / -29.0 psf
327017 Rev P7, Model 8000, Option Code 1123 up to 16' wide,	+30.0 / -33.5 psf
327018 Rev P7, Model 8000, Option Code 1124 up to 16' wide,	+34.4 / -38.3 psf
327019 Rev P7, Model 8000, Option Code 1125 up to 16' wide,	+46.0 / -52.0 psf
365183 Rev P4, Model 8000, Option Code 1128 up to 16'-2" wide,	+46.0 / -52.0 psf
365115 Rev P4, Model 8024, Option Code 1127 up to 16'-2" wide,	+46.0 / -52.0 psf

327020 Rev P7, Model 8000, Option Code 1140 up to 18' wide,	+12.4 / -13.8 psf
327021 Rev P7, Model 8000, Option Code 1141 up to 18' wide,	+18.5 / -20.7 psf
327024 Rev P6, Model 8000, Option Code 1144 up to 18' wide,	+46.0 / -52.0 psf
364240 Rev P2, Model 8000, Option Code 1145 up to 18' wide,	+26.3 / -29.3 psf
365187 Rev P0, Model 8000, Option Code 1147 up to 18' wide,	+34.4 / -38.3 psf
365184 Rev P0, Model 8000, Option Code 1148 up to 18'-2" wide,	+46.0 / -52.0 psf
365116 Rev P0, Model 8024, Option Code 1146 up to 18'-2" wide,	+46.0 / -52.0 psf

Note: The drawing titles above are simply descriptive, and do not represent any limitation on the sizes and pressures.

Test Reports

These products were tested for **Static pressure only**.

DASMA 108

412593 Option Code 1400	AETR 00660, AETR 00887
412594 Option Code 1401	AETR 00661, AETR 00886
329468 Option Code 1100	ETR 09610
364231 Option Code 1106	ETR 09611, ETR 09641
327014 Option Code 1120	ETR 10533
327015 Option Code 1121	ETR 09612
327020 Option Code 1140	ETR 09614
327021 Option Code 1141	ETR 09615

These products were tested for **Static and Impact (windborne debris) requirements**.

DASMA 108

DASMA 115

364232 Option Code 1107	ETR 10287	ETR 10288
364233 Option Code 1108	ETR10214, ETR 10275	ETR 10215
362403 Option Code 1105	ETR 10212	ETR 10289
327016 Option Code 1122	ETR 09868	ETR 10534
327017 Option Code 1123	ETR 10538	ETR 10541
327018 Option Code 1124	ETR 10539	ETR 10540
364264 Option Code 1126	ETR 10536	ETR 10537
364240 Option Code 1145	ETR 10560, ETR10561	ETR 10562
365187 Option Code 1147	AETR00007s	AETR00007i

These products were tested for **Static and Impact (windborne debris) requirements**.

TAS 202/201/203

327013 Option Code 1104	CTLA 1672W-3, CTLA 1743W-2
327019 Option Code 1125	CTLA 1672W-2, CTLA 1734W-1
327024 Option Code 1144	CTLA 1672W-1R, CTLA 1734W

327013 Option Code 1104	Intertek K3485-01-801-18r1	9x7 46 25ga
329928 Option Code 1300	Intertek K3485-01-801-18r1	9x7 46 24ga
365183 Option Code 1128	Intertek K3485-02-801-18r1	16.2x7 25ga
365115 Option Code 1127	Intertek K3485-02-801-18r1	16.2x7 24ga
365184 Option Code 1148	Intertek K3485-03-801-18r0	18.2x7 46 25ga
365116 Option Code 1146	Intertek K3485-03-801-18r0	18.2x7 46 24ga

Note: TAS testing was conducted on 25ga doors. These products are also available in 24ga doors when used in HVHZ (Models 8024, 8124, 8224)

Test Facility & Procedures

Static testing was conducted in a manner that complied with **ANSI/DASMA 108-2017** at the Overhead Door TREQ test facility in Dallas, Texas during 2017, 2018, 2019, 2023, and 2025.

Impact and Pressure Cycle testing was conducted in a manner that complied with **ANSI/DASMA 115-2017** at the Overhead Door TREQ test facility in Dallas, Texas during 2018 and 2019. These doors are not intended for the High Velocity Hurricane Zone (HVHZ).

Additional testing was conducted in accordance with **TAS 202-94, 201-94, and 203-94** at Certified Testing Laboratories in Orlando, FL in 2007, and at Intertek-ATI in Plano, TX in 2020.

These laboratories were accredited for these procedures at the time of testing.
 The TREQ tests were witnessed and signed by me, a licensed PE of Florida.
 Tests at CTLA were signed by Florida engineer Ramesh Patel, P.E.
 Tests at Intertek were signed by Florida engineer Tyler Westerling, P.E.

Installation Instructions

The drawings provide installation instructions peculiar to windload reinforcement.

Jamb attachment:

The door may be mounted directly to a wood-framed opening only if the wood is Southern Pine (Spec. Gravity 0.55). Otherwise 2x6 wood "Back Jamb" or "bucks" are needed, attached to the building structure as a surface to secure the track brackets, as detailed in the "Jamb Connection Supplement, p/n 363342".

This Evaluation Report does not address design of the wall/jambs themselves. These drawings only illustrate common means to attach the door to the jambs. Walls and Jambs should be designed (by others) to withstand the loads imposed by the door onto the building.

Model Descriptions

This product approval encompasses the Model 8000/8100/8200 family of products. These are sectional overhead garage doors constructed of galvanized steel sections. The pan doors are two-inch thick with tongue and groove sections. Various raised panel embossment options are available. They are constructed of 25 gage G-30 [or 24 gage G-90 or equivalent via salt spray testing] galvanized steel, and with two coats of polyester paint. Each section is constructed with 16 or 20 gage end stiles and 20 gage steel center stiles. Horizontal strutting is added as required for windload strength.

Model **8000** – uninsulated 25ga min (tested)

Model **8024** - uninsulated (24 gage upgrade)

Model **8100** with 9/16-inch polystyrene insulation

Model **8124** with 9/16-inch polystyrene insulation (24 gage upgrade)

Model **8200** with 1-5/8-inch polystyrene insulation

Model **8224** with 1-5/8-inch polystyrene insulation (24 gage upgrade)

Additional Limitations

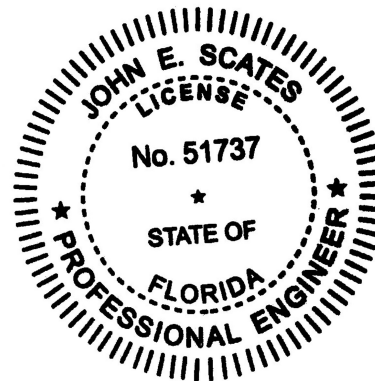
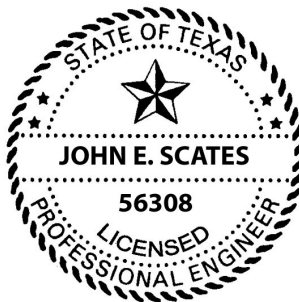
The drawings cited above are an explicit part of this evaluation report. The text of this report does not attempt to address all design details but relies upon the illustrations and text of these drawings and instructions as well.

The horizontal track may be reinforced with an angle as needed to support the door weight. The construction of the horizontal track, including the track thickness and additional support when needed, is determined by Wayne-Dalton and does not affect this windload evaluation.

The rated pressures may not be achieved unless the door is held closed during the wind event. The door must be locked closed, or alternately an electric drawbar operator attached to the door prior to the wind event. On doors up to 9' wide, one track must be engaged with a lock. On wider doors, and doors with Low-Headroom track, both tracks must be engaged with a lock (right and left side).

Selected products were tested for impact in the wind-borne debris regions, including impact glazing options. Available impact products are noted on each drawing.

These products are *not* intended for the Florida High Velocity Hurricane Zone (HVHZ) at this time. (The 24 gage versions may have, or obtain, Miami/Dade NOA's separately.)



Digitally signed by John E Scates
Date: 2025.04.11 12:24:57 -05'00'

John E. Scates, P.E.

Florida PE # 51737

Texas PE 56308 / F-2203

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